

“The next, and the highest forms of Entozoa, are the *Cœlemintha*, which on examination will be found analogous to the Annelida.

“It is a remarkable circumstance, that looking on them collectively as classes, the Crustacea and Annelida are the first in the animal series possessing a truly diœcious mode of generation. So is it with the analogues of these classes in the Entozoa, viz. the Acanthocephala and Cœlemintha, the only groups in the class which are truly bisexual.”

ANALOGIES.

ENTOZOA.	INFUSORIA.
1. Acephalocystis simplex.	1. Volvox globator.
2. Diskostoma acephalocystis.	POLYPIFERA.
(3. Tania.	2. Alcyonidium.
	3. Nemertes?)
	ECHINODERMATA.
4. Diplozoon.	4. Asterias.
5. Scutella.	5. Tristoma.
6. Distoma hepaticum.	6. Echinus.
	CRUSTACEA.
7. Echinorhynchus.	7. Lernæa.
	ANNELIDA.
8. Ascaris.	8. Lumbricus.

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(Continued from vol. vii. p. 326.)

Description of a new species of *Bulla*, by J. Van der Hoeven. The following is the diagnosis: “*Bulla albo-cincta*, testa ovato-subglobosa, tenui, pallide brunnea, spira fasciis tribus et apertura albis; spira retusa. *Hab.* China.”—Contributions to the natural history of Man (Remarks on the Negro race), by J. Van der Hoeven.—Contributions in Vegetable Physiology, by Dr. J. F. Hoffmann.—On the Nerves of Feeling, and the connexion between them and the Nerves of Motion, by J. Van Deen.—Prodromus Faunæ Homeri et Hesiodi, by G. P. F. Groshans.—Observations on an insect injurious to *Pinus Larix* (the larva of *Ornix argyropennella*, Treitschke, *Tinea Laricella*, Hübner), by A. Brants.—*Notices of Works*: Owen on *Lepidosiren*; Treviranus’s Observations in Zootomy and Physiology; Hueck De Craniis Esthonum commentatio; Dr. H. Schlegel’s figures of new or little-known Amphibia; Le Maire’s Horticulteur universelle, and Flore des Serres et Jardins d’Angleterre; Endlicher’s Principles of a new theory of the Generation of Plants; Link’s selected anatomico-botanical Drawings; Icones Plantarum rariorum Horti regii botanici Berolinensis, by Link, Klotzsch, Otto and Kunth.

Part VII. Nos. 1 and 2.—Further remarks on the properties of

the Spinal Marrow, especially on the nervous circulation observed therein, by J. Van Deen.—On the genus *Voyria*, by F. L. Splitgerber; the new species described are, *V. clavata*, *V. nuda*, *V. aurantiaca* and *V. corymbosa*.—H. C. Van Hall on the formation and development of the Seed of *Crinum capense*.—Micrometrical determinations and Microscopical notices, by P. Harting.—On an extraordinary anomaly observed in the metamorphosis of the Silk-worm, by J. J. Bruinsma.—Some historical notices respecting Butterflies with caterpillar heads, by J. Van der Hoeven.—Description of new or little-known Lepidoptera, by J. Van der Hoeven.—*Notices of Works*: Dr. S. Kutorga against the Successive Origin of Organic Beings on the Earth; Schumacher on the Nerves of the Jaws and Gums; Brandt's Contributions to our knowledge of the natural history of Birds; Lichtenstein on the genus *Mephitis*; De Vriese, Report on the recent researches respecting the Specific Heat of Vegetables.

Nos. 3 and 4.—Nova genera et species Plantarum Floræ Javanicæ auctore Fr. Junghuhnio, pugillus primus.—On the normal and abnormal pitcher form of Leaves, by Dr. J. F. Hoffmann.—On Worms occurring in the Eyes of certain Animals and of Man; with a description of a hitherto undescribed Worm taken from the eye of a Horse, by Dr. A. Numan.—Enumeratio Filicum et Lycopodiacearum quas in Surinamo legit F. L. Splitgerber.—On the natural history of the Isle of Rottum, by Dr. L. A. Cohen.—Vrolijk and De Vriese on the change which the surrounding vapour undergoes during the development of increased temperature in the spadix of *Colocasia odora*.—*Notices of Works*: Dr. Henle on the comparative anatomy of the Larynx, especially of Reptilia; Dr. K. E. von Baer on the former distribution and entire annihilation of the Northern Sea-Cow (*Rytina*, Ill.), met with by Steller in 1745 on the coast of Behring Island, then just discovered, and which has been no more seen since 1768; De Symmetria et Asymmetria Organorum Animalitatis, imprimis Cranii, a Dr. C. G. Lucaë; Dr. F. Miescher's description and examination of *Monostoma bijugum*; Schegel's Amphibia, 4th Decade; Bischoff on *Lepidosiren paradoxa*, and Owen's description of *Lepidosiren annectens*; Dr. G. Kunze's Supplement to Schkuhr's Ferns.

Part VIII. Nos. 1 and 2.—Enumeratio Plantarum Zealandiæ Belgicæ indigenarum, auctore Dr. R. B. Van den Bosch.—J. N. Ramaer on the Intestinal Papillæ.—Contributions to the knowledge of the Mouth Parts of some Hymenopterous Insects, by Dr. A. Brants.—On the Polypidoms found at Groningen in the Hondsrug, by Dr. Dassen.—Examination of a Foot with seven Toes, by Dr. Luyten.—Contributions to the Morphology of Bulbs, by W. H. De Vriese.—Observations respecting the first formation of Cells and their Nuclei in Vegetables and Animals, founded on the investigation of Inorganic Precipitates, by P. Harting.—*Notices of Works, &c.*: Reminiscences of Fr. J. F. Meyen, by W. H. De Vriese; Histoire d'un petit Crustacée (*Artemia salina*), by N. Joli; Fossil Remains of an Ape and some other Mammalia from Greece, by Dr. A.

Wagner; Description of some new *Rodentia*, by the same; *Spicilegia Ornithologica Exotica*, auctore J. F. Brandt; On the Lymphatic Hearts of Tortoises, by Prof. Müller; Microscopic researches in Human Physiology, by O. Köstlin; Remarks on Liebig's Organic Chemistry in its application to Agriculture and Physiology; On the Appendage of the Brain, and on the Pituitary Gland, by J. Engel; Anatomy of the Amphibia, by Carl Vogt; Contributions to the Anatomy of Compound Eyes with Facetted Cornea, by F. Will; *Echiniscus Bellarmani*, animal crustaceum *Macrobioto Hufelandii* affine, auctore Dr. Schultze.

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PROCEEDINGS OF LEARNED SOCIETIES.

ZOOLOGICAL SOCIETY.

March 12, 1844.—William Yarrell, Esq., Vice-President, in the Chair.

Mr. Lovell Reeve described thirty-three new species of *Arca*:—

ARCA PILULA. *Arca testâ orbiculari, valdè gibbosâ, subinæquivalvi, viâ inæquilaterali, lateribus supernè angulatis, infrâ rotundatis; albidâ, fuscescente pallidè tinctâ, epidermidè fuscâ, inter costas setosâ, indutâ; radiatim costatâ, costis quinque vel sex et viginti, angustis, valvæ sinistralis omnibus, valvæ dextralis anticis tantum, subtiliter nodulosis; umbonibus subremotis, ligamenti areâ elongatâ-rhomboidèâ.*

Couch. Icon. *Arca*, pl. 2. f. 8.